

201

3, 4 HW

3.

(D)

4.

(A)

5.

(B)

6.

(C)

p 175

3-6, 9, 10, 13, 14, 27, 28

9.

$$\frac{-1 - -1}{-5 - -3} = 0$$

$$m = 0$$

10.

$$\frac{6-1}{0-2} = \frac{5}{-2}$$

$$m = -\frac{5}{2}$$

13.

$$1: m = \frac{4}{6} = \frac{2}{3}$$

$$2: m = \frac{6}{-4} = -\frac{3}{2}$$

(⊥)

14.

$$1: m = \frac{1-2}{-3-7} = \frac{3}{4}$$

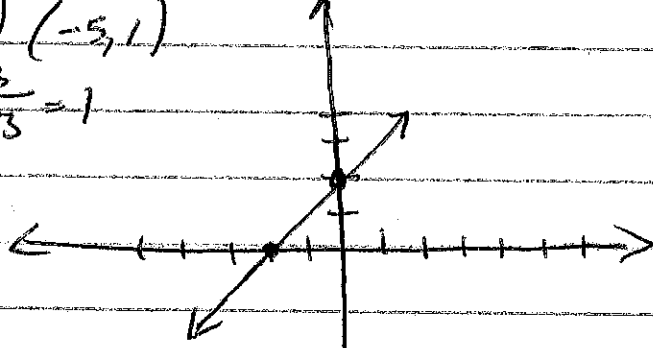
$$2: m = \frac{4-1}{8-2} = \frac{3}{6}$$

(Neither)

27.

(0, 2) || (-2, 4) (-5, 1)

$$m = \frac{3}{3} = 1$$



28.

(1, 3) ⊥ (-1, -1) + (2, 0)

$$m = \frac{-1-0}{-1-2} = \frac{-1}{-3} = \frac{1}{3}$$

$$m = -3$$

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